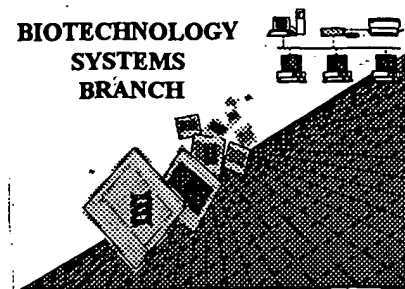


0400

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/007,236  
Source: OIPK  
Date Processed by STIC: 1/2/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**  
**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 16/007,236

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        Wrapped Nucleics  
      Wrapped Aminos  
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2        Invalid Line Length  
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3        Misaligned Amino  
      Numbering  
The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4        Non-ASCII  
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5        Variable Length  
Sequence(s)        contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6        PatentIn 2.0  
      "bug"  
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)       . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7        Skipped Sequences  
      (OLD RULES)  
Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8        Skipped Sequences  
      (NEW RULES)  
Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9        Use of n's or Xaa's  
      (NEW RULES)  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10        Invalid <213>  
      Response  
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ✓ Use of <220>  
Sequence(s) 375 missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12        PatentIn 2.0  
      "bug"  
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13        Misuse of n  
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:14

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

Does Not Comply  
Corrected Diskette Needed

P6

3 <110> APPLICANT: Baker, Kevin P.  
4 Botstein, David  
5 Desnoyers, Luc  
6 Eaton, Dan l.  
7 Ferrara, Napoleone  
8 Fong, Sherman  
9 Gao, Wei-Qiang  
10 Goddard, Audrey  
11 Godowski, Paul J.  
12 Grimaldi, Christopher J.  
13 Gurney, Austin L.  
14 Hillan, Kenneth J.  
15 Pan, James  
16 Paoni, Nicholas F.  
18 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
19 Acids Encoding the Same  
21 <130> FILE REFERENCE: P2830P1C12  
23 <140> CURRENT APPLICATION NUMBER: US/10/007,236  
23 <141> CURRENT FILING DATE: 2001-12-06  
23 <150> PRIOR APPLICATION NUMBER: 60/098716  
24 <151> PRIOR FILING DATE: 1998-09-01  
26 <150> PRIOR APPLICATION NUMBER: 60/098723  
27 <151> PRIOR FILING DATE: 1998-09-01  
29 <150> PRIOR APPLICATION NUMBER: 60/098749  
30 <151> PRIOR FILING DATE: 1998-09-01  
32 <150> PRIOR APPLICATION NUMBER: 60/098750  
33 <151> PRIOR FILING DATE: 1998-09-01  
35 <150> PRIOR APPLICATION NUMBER: 60/098803  
36 <151> PRIOR FILING DATE: 1998-09-02  
38 <150> PRIOR APPLICATION NUMBER: 60/098821  
39 <151> PRIOR FILING DATE: 1998-09-02  
41 <150> PRIOR APPLICATION NUMBER: 60/098843  
42 <151> PRIOR FILING DATE: 1998-09-02  
44 <150> PRIOR APPLICATION NUMBER: 60/099536  
45 <151> PRIOR FILING DATE: 1998-09-09  
47 <150> PRIOR APPLICATION NUMBER: 60/099596  
48 <151> PRIOR FILING DATE: 1998-09-09  
50 <150> PRIOR APPLICATION NUMBER: 60/099598  
51 <151> PRIOR FILING DATE: 1998-09-09  
53 <150> PRIOR APPLICATION NUMBER: 60/099602  
54 <151> PRIOR FILING DATE: 1998-09-09  
56 <150> PRIOR APPLICATION NUMBER: 60/099642  
57 <151> PRIOR FILING DATE: 1998-09-09  
59 <150> PRIOR APPLICATION NUMBER: 60/099741  
60 <151> PRIOR FILING DATE: 1998-09-10  
62 <150> PRIOR APPLICATION NUMBER: 60/099754  
63 <151> PRIOR FILING DATE: 1998-09-10

## RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/10/007,236

TIME: 11:17:14

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

65 <150> PRIOR APPLICATION NUMBER: 60/099763  
66 <151> PRIOR FILING DATE: 1998-09-10  
68 <150> PRIOR APPLICATION NUMBER: 60/099792  
69 <151> PRIOR FILING DATE: 1998-09-10  
71 <150> PRIOR APPLICATION NUMBER: 60/099808  
72 <151> PRIOR FILING DATE: 1998-09-10  
74 <150> PRIOR APPLICATION NUMBER: 60/099812  
75 <151> PRIOR FILING DATE: 1998-09-10  
77 <150> PRIOR APPLICATION NUMBER: 60/099815  
78 <151> PRIOR FILING DATE: 1998-09-10  
80 <150> PRIOR APPLICATION NUMBER: 60/099816  
81 <151> PRIOR FILING DATE: 1998-09-10  
83 <150> PRIOR APPLICATION NUMBER: 60/100385  
84 <151> PRIOR FILING DATE: 1998-09-15  
86 <150> PRIOR APPLICATION NUMBER: 60/100388  
87 <151> PRIOR FILING DATE: 1998-09-15  
89 <150> PRIOR APPLICATION NUMBER: 60/100390  
90 <151> PRIOR FILING DATE: 1998-09-15  
92 <150> PRIOR APPLICATION NUMBER: 60/100584  
93 <151> PRIOR FILING DATE: 1998-09-16  
95 <150> PRIOR APPLICATION NUMBER: 60/100627  
96 <151> PRIOR FILING DATE: 1998-09-16  
98 <150> PRIOR APPLICATION NUMBER: 60/100661  
99 <151> PRIOR FILING DATE: 1998-09-16  
101 <150> PRIOR APPLICATION NUMBER: 60/100662  
102 <151> PRIOR FILING DATE: 1998-09-16  
104 <150> PRIOR APPLICATION NUMBER: 60/100664  
105 <151> PRIOR FILING DATE: 1998-09-16  
107 <150> PRIOR APPLICATION NUMBER: 60/100683  
108 <151> PRIOR FILING DATE: 1998-09-17  
110 <150> PRIOR APPLICATION NUMBER: 60/100684  
111 <151> PRIOR FILING DATE: 1998-09-17  
113 <150> PRIOR APPLICATION NUMBER: 60/100710  
114 <151> PRIOR FILING DATE: 1998-09-17  
116 <150> PRIOR APPLICATION NUMBER: 60/100711  
117 <151> PRIOR FILING DATE: 1998-09-17  
119 <150> PRIOR APPLICATION NUMBER: 60/100848  
120 <151> PRIOR FILING DATE: 1998-09-18  
122 <150> PRIOR APPLICATION NUMBER: 60/100849  
123 <151> PRIOR FILING DATE: 1998-09-18  
125 <150> PRIOR APPLICATION NUMBER: 60/100919  
126 <151> PRIOR FILING DATE: 1998-09-17  
128 <150> PRIOR APPLICATION NUMBER: 60/100930  
129 <151> PRIOR FILING DATE: 1998-09-17  
131 <150> PRIOR APPLICATION NUMBER: 60/101014  
132 <151> PRIOR FILING DATE: 1998-09-18  
134 <150> PRIOR APPLICATION NUMBER: 60/101068  
135 <151> PRIOR FILING DATE: 1998-09-18  
137 <150> PRIOR APPLICATION NUMBER: 60/101071

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:14

Input Set : A:\Seq\_List\_for\_P2830PlC12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

138 <151> PRIOR FILING DATE: 1998-09-18  
140 <150> PRIOR APPLICATION NUMBER: 60/101279  
141 <151> PRIOR FILING DATE: 1998-09-22  
143 <150> PRIOR APPLICATION NUMBER: 60/101471  
144 <151> PRIOR FILING DATE: 1998-09-23  
146 <150> PRIOR APPLICATION NUMBER: 60/101472  
147 <151> PRIOR FILING DATE: 1998-09-23  
149 <150> PRIOR APPLICATION NUMBER: 60/101474  
150 <151> PRIOR FILING DATE: 1998-09-23  
152 <150> PRIOR APPLICATION NUMBER: 60/101475  
153 <151> PRIOR FILING DATE: 1998-09-23  
155 <150> PRIOR APPLICATION NUMBER: 60/101476  
156 <151> PRIOR FILING DATE: 1998-09-23  
158 <150> PRIOR APPLICATION NUMBER: 60/101477  
159 <151> PRIOR FILING DATE: 1998-09-23  
161 <150> PRIOR APPLICATION NUMBER: 60/101479  
162 <151> PRIOR FILING DATE: 1998-09-23  
164 <150> PRIOR APPLICATION NUMBER: 60/101738  
165 <151> PRIOR FILING DATE: 1998-09-24  
167 <150> PRIOR APPLICATION NUMBER: 60/101741  
168 <151> PRIOR FILING DATE: 1998-09-24  
170 <150> PRIOR APPLICATION NUMBER: 60/101743  
171 <151> PRIOR FILING DATE: 1998-09-24  
173 <150> PRIOR APPLICATION NUMBER: 60/101915  
174 <151> PRIOR FILING DATE: 1998-09-24  
176 <150> PRIOR APPLICATION NUMBER: 60/101916  
177 <151> PRIOR FILING DATE: 1998-09-24  
179 <150> PRIOR APPLICATION NUMBER: 60/102207  
180 <151> PRIOR FILING DATE: 1998-09-29  
182 <150> PRIOR APPLICATION NUMBER: 60/102240  
183 <151> PRIOR FILING DATE: 1998-09-29  
185 <150> PRIOR APPLICATION NUMBER: 60/102307  
186 <151> PRIOR FILING DATE: 1998-09-29  
188 <150> PRIOR APPLICATION NUMBER: 60/102330  
189 <151> PRIOR FILING DATE: 1998-09-29  
191 <150> PRIOR APPLICATION NUMBER: 60/102331  
192 <151> PRIOR FILING DATE: 1998-09-29  
194 <150> PRIOR APPLICATION NUMBER: 60/102484  
195 <151> PRIOR FILING DATE: 1998-09-30  
197 <150> PRIOR APPLICATION NUMBER: 60/102487  
198 <151> PRIOR FILING DATE: 1998-09-30  
200 <150> PRIOR APPLICATION NUMBER: 60/102570  
201 <151> PRIOR FILING DATE: 1998-09-30  
203 <150> PRIOR APPLICATION NUMBER: 60/102571  
204 <151> PRIOR FILING DATE: 1998-09-30  
206 <150> PRIOR APPLICATION NUMBER: 60/102684  
207 <151> PRIOR FILING DATE: 1998-10-01  
209 <150> PRIOR APPLICATION NUMBER: 60/102687  
210 <151> PRIOR FILING DATE: 1998-10-01

## RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/10/007,236

TIME: 11:17:14

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

212 <150> PRIOR APPLICATION NUMBER: 60/102965  
213 <151> PRIOR FILING DATE: 1998-10-02  
215 <150> PRIOR APPLICATION NUMBER: 60/103258  
216 <151> PRIOR FILING DATE: 1998-10-06  
218 <150> PRIOR APPLICATION NUMBER: 60/103314  
219 <151> PRIOR FILING DATE: 1998-10-07  
221 <150> PRIOR APPLICATION NUMBER: 60/103315  
222 <151> PRIOR FILING DATE: 1998-10-07  
224 <150> PRIOR APPLICATION NUMBER: 60/103328  
225 <151> PRIOR FILING DATE: 1998-10-07  
227 <150> PRIOR APPLICATION NUMBER: 60/103395  
228 <151> PRIOR FILING DATE: 1998-10-07  
230 <150> PRIOR APPLICATION NUMBER: 60/103396  
231 <151> PRIOR FILING DATE: 1998-10-07  
233 <150> PRIOR APPLICATION NUMBER: 60/103401  
234 <151> PRIOR FILING DATE: 1998-10-07  
236 <150> PRIOR APPLICATION NUMBER: 60/103449  
237 <151> PRIOR FILING DATE: 1998-10-06  
239 <150> PRIOR APPLICATION NUMBER: 60/103633  
240 <151> PRIOR FILING DATE: 1998-10-08  
242 <150> PRIOR APPLICATION NUMBER: 60/103678  
243 <151> PRIOR FILING DATE: 1998-10-08  
245 <150> PRIOR APPLICATION NUMBER: 60/103679  
246 <151> PRIOR FILING DATE: 1998-10-08  
248 <150> PRIOR APPLICATION NUMBER: 60/103711  
249 <151> PRIOR FILING DATE: 1998-10-08  
251 <150> PRIOR APPLICATION NUMBER: 60/104257  
252 <151> PRIOR FILING DATE: 1998-10-14  
254 <150> PRIOR APPLICATION NUMBER: 60/104987  
255 <151> PRIOR FILING DATE: 1998-10-20  
257 <150> PRIOR APPLICATION NUMBER: 60/105000  
258 <151> PRIOR FILING DATE: 1998-10-20  
260 <150> PRIOR APPLICATION NUMBER: 60/105002  
261 <151> PRIOR FILING DATE: 1998-10-20  
263 <150> PRIOR APPLICATION NUMBER: 60/105104  
264 <151> PRIOR FILING DATE: 1998-10-21  
266 <150> PRIOR APPLICATION NUMBER: 60/105169  
267 <151> PRIOR FILING DATE: 1998-10-22  
269 <150> PRIOR APPLICATION NUMBER: 60/105266  
270 <151> PRIOR FILING DATE: 1998-10-22  
272 <150> PRIOR APPLICATION NUMBER: 60/105693  
273 <151> PRIOR FILING DATE: 1998-10-26  
275 <150> PRIOR APPLICATION NUMBER: 60/105694  
276 <151> PRIOR FILING DATE: 1998-10-26  
278 <150> PRIOR APPLICATION NUMBER: 60/105807  
279 <151> PRIOR FILING DATE: 1998-10-27  
281 <150> PRIOR APPLICATION NUMBER: 60/105881  
282 <151> PRIOR FILING DATE: 1998-10-27  
284 <150> PRIOR APPLICATION NUMBER: 60/105882

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:14

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

285 <151> PRIOR FILING DATE: 1998-10-27  
287 <150> PRIOR APPLICATION NUMBER: 60/106023  
288 <151> PRIOR FILING DATE: 1998-10-28  
290 <150> PRIOR APPLICATION NUMBER: 60/106029  
291 <151> PRIOR FILING DATE: 1998-10-28  
293 <150> PRIOR APPLICATION NUMBER: 60/106030  
294 <151> PRIOR FILING DATE: 1998-10-28  
296 <150> PRIOR APPLICATION NUMBER: 60/106032  
297 <151> PRIOR FILING DATE: 1998-10-28  
299 <150> PRIOR APPLICATION NUMBER: 60/106033  
300 <151> PRIOR FILING DATE: 1998-10-28  
302 <150> PRIOR APPLICATION NUMBER: 60/106062  
303 <151> PRIOR FILING DATE: 1998-10-27  
305 <150> PRIOR APPLICATION NUMBER: 60/106178  
306 <151> PRIOR FILING DATE: 1998-10-28  
308 <150> PRIOR APPLICATION NUMBER: 60/106248  
309 <151> PRIOR FILING DATE: 1998-10-29  
311 <150> PRIOR APPLICATION NUMBER: 60/106384  
312 <151> PRIOR FILING DATE: 1998-10-29  
314 <150> PRIOR APPLICATION NUMBER: 60/108500  
315 <151> PRIOR FILING DATE: 1998-10-29  
317 <150> PRIOR APPLICATION NUMBER: 60/106464  
318 <151> PRIOR FILING DATE: 1998-10-30  
320 <150> PRIOR APPLICATION NUMBER: 60/106856  
321 <151> PRIOR FILING DATE: 1998-11-03  
323 <150> PRIOR APPLICATION NUMBER: 60/106902  
324 <151> PRIOR FILING DATE: 1998-11-03  
326 <150> PRIOR APPLICATION NUMBER: 60/106905  
327 <151> PRIOR FILING DATE: 1998-11-03  
329 <150> PRIOR APPLICATION NUMBER: 60/106919  
330 <151> PRIOR FILING DATE: 1998-11-03  
332 <150> PRIOR APPLICATION NUMBER: 60/106932  
333 <151> PRIOR FILING DATE: 1998-11-03  
335 <150> PRIOR APPLICATION NUMBER: 60/106934  
336 <151> PRIOR FILING DATE: 1998-11-03  
338 <150> PRIOR APPLICATION NUMBER: 60/107783  
339 <151> PRIOR FILING DATE: 1998-11-10  
341 <150> PRIOR APPLICATION NUMBER: 60/108775  
342 <151> PRIOR FILING DATE: 1998-11-17  
344 <150> PRIOR APPLICATION NUMBER: 60/108779  
345 <151> PRIOR FILING DATE: 1998-11-17  
347 <150> PRIOR APPLICATION NUMBER: 60/108787  
348 <151> PRIOR FILING DATE: 1998-11-17  
350 <150> PRIOR APPLICATION NUMBER: 60/108788  
351 <151> PRIOR FILING DATE: 1998-11-17  
353 <150> PRIOR APPLICATION NUMBER: 60/108801  
354 <151> PRIOR FILING DATE: 1998-11-17  
356 <150> PRIOR APPLICATION NUMBER: 60/108802  
357 <151> PRIOR FILING DATE: 1998-11-17

<210> 375

<211> 1098

<212> DNA

<213> Artificial

<400> 375

*see item 11 on Ena Summary Sheet*

FYI —)

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.



## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:15

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application No  
L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:520 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:523 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:533 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:536 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:1342 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:1345 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13  
L:1355 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:1358 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14  
L:1368 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:1371 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15  
L:1551 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:1554 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18  
L:1564 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:1567 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19  
L:1577 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:1580 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20  
L:1911 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:1914 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:1924 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:1927 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:1937 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:1940 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:2406 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:2409 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34  
L:2419 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35  
L:2422 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35  
L:2432 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:2435 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36  
L:2445 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:2448 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37  
L:2458 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38  
L:2461 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38  
L:2471 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39  
L:2474 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39  
L:2779 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44  
L:2782 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44  
L:2792 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45  
L:2795 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45  
L:2805 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46  
L:2808 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46  
L:2818 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47  
L:2821 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:2831 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48  
L:2834 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48  
L:3957 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:59

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:15

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

L:3960 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:59  
L:3970 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:60  
L:3973 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:60  
L:3983 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:61  
L:3986 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:61  
L:4030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62  
L:4122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:4158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:4185 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:64  
L:4188 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:64  
L:4198 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:65  
L:4201 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:65  
L:4211 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:66  
L:4214 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66  
L:4694 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:73  
L:4697 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:73  
L:4707 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:74  
L:4710 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:74  
L:4720 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:75  
L:4723 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:75  
L:5092 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:80  
L:5095 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:80  
L:5108 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:81  
L:5118 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:82  
L:5121 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:82  
L:5881 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:89  
L:5884 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:89  
L:5894 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:90  
L:5897 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:90  
L:5907 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:91  
L:5910 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:91  
L:5920 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:92  
L:5923 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:92  
L:5933 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:93  
L:5936 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:93  
L:6143 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:96  
L:6146 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:96  
L:6156 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:97  
L:6159 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:97  
L:6169 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:98  
L:6172 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:98  
L:6884 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:105  
L:6887 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105  
L:6897 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:106  
L:6900 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:106  
L:6910 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:107  
L:6913 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:107  
L:6923 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:108  
L:6926 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:108

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/007,236

DATE: 01/02/2002

TIME: 11:17:15

Input Set : A:\Seq\_List\_for\_P2830P1C12.wpd

Output Set: N:\CRF3\01022002\J007236.raw

L:6936 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:109  
 L:6939 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:109  
 L:7066 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:112  
 L:7069 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:112  
 L:7079 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:113  
 L:7082 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:113  
 L:7092 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:114  
 L:7095 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:114  
 L:7473 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:119  
 L:14262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259  
 L:20824 M:258 W: Mandatory Feature missing, <220> FEATURE:  
 L:20824 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
 L:20939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377  
 L:22554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422